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TECH CENTER 1600/2900
21 2002
RECEIVED
0590

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/903,640

DATE: 01/16/2002
TIME: 15:56:08

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1 <110> APPLICANT: Genentech, Inc.
 2 Ashkenazi, Avi
 3 Botstein, David
 4 Desnoyers, Luc
 5 Eaton, Dan L.
 6 Ferrara, Napoleone
 7 Filvaroff, Ellen
 8 Fong, Sherman
 9 Gao, Wei-Qiang
 10 Gerber, Hanspeter
 11 Gerritsen, Mary E.
 12 Goddard, A.
 13 Godowski, Paul J.
 14 Grimaldi, Christopher J.
 15 Gurney, Austin L.
 16 Hillan, Kenneth, J.
 17 Kljavin, Ivar J.
 18 Mather, Jennie P.
 19 Pan, James
 20 Paoni, Nicholas F.
 21 Roy, Margaret Ann
 22 Stewart, Timothy A.
 23 Tumas, Daniel
 24 Williams, P. Mickey
 25 Wood, William, I.
 26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 27 Acids Encoding the Same
 28 <130> FILE REFERENCE: 10466-14
 29 <140> CURRENT APPLICATION NUMBER: US/09/903,640
 C--> 30 <141> CURRENT FILING DATE: 2001-07-11
 32 <150> PRIOR APPLICATION NUMBER: 09/665,350
 33 <151> PRIOR FILING DATE: 2000-09-18
 35 <160> NUMBER OF SEQ ID NOS: 423
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 38 <211> LENGTH: 1825
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Homo Sapien
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 44 tggagctccg gctgcgtctt cccgcagcgc taccgcctat ggcctgtccg 150
 45 cgccggggccg cgctggggct cctgcccgtt ctgctgtgc tgccgccccgc 200
 46 gccggaggcc gccaagaagc cgacgcccgt ccacccgtgc cgggggctgg 250

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47 tggacaagggtt taaccagggg atgggtggaca ccgcaaaagaa gaactttggc 300
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49 cgagattcgc ctgctggaga tcctggaggg gctgtgcagc agcagcgaact 400
50 tcgaatgcaa tcagatgcta gagggcgcagg aggagcacct ggaggcctgg 450
51 tggctgcagc tgaagagcga atatccgtac ttattcgagt gttttgtgt 500
52 gaagacactg aaagtgtgct gctctccagg aacctacggc cccgactgtc 550
53 tcgcattgcca gggcgatcc cagaggccct gcagcgggaa tggccactgc 600
54 agcggagatg ggagcagaca gggcgacggg tcctgcccgtt gccacatggg 650
55 gtaccaggcgc cccgtgtca ctgactgcat ggacggctac ttcagctcgc 700
56 tccggAACGA gacccacacg atctgcacag cctgtgacga gtcctgcaag 750
57 acgtgctcgg gcctgacca cagagactgc ggcgagtg aagtgggctg 800
58 ggtgctggac gaggggcct gtgtggatgt ggacgagtgt gcggccgagc 850
59 cgcctccctg cagcgctcgc cagttctgtt agaacccaa cggctcctac 900
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62 gtgcagatgt ggacgagtgc tcaactagcag aaaaaaacctg tttgaggaaa 1050
63 aacgaaaact gctacaatac tccaggggagc tacgtctgtg tttgtcctga 1100
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65 ccaacagaagg agaaaagcccg acacagctgc cctcccgca agacctgtaa 1200
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68 gcctgctctc taacgggttga ttctcatttt tcccttaaac agctgcattt 1350
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81 <211> LENGTH: 353

82 <212> TYPE: PRT

83 <213> ORGANISM: Homo Sapien

84 <400> SEQUENCE: 2

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88									20		25				30
89	Cys	His	Arg	Cys	Arg	Gly	Leu	Val	Asp	Lys	Phe	Asn	Gln	Gly	Met
90									35		40				45
91	Val	Asp	Thr	Ala	Lys	Lys	Asn	Phe	Gly	Gly	Gly	Asn	Thr	Ala	Trp
92									50		55				60
93	Glu	Glu	Lys	Thr	Leu	Ser	Lys	Tyr	Glu	Ser	Ser	Glu	Ile	Arg	Leu
94									65		70				75
95	Leu	Glu	Ile	Leu	Glu	Gly	Leu	Cys	Glu	Ser	Ser	Asp	Phe	Glu	Cys
96									80		85				90

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Input Set : N:\Crf3\RULE60\09903640.raw
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98 95 100 105
99 Leu Gln Leu Lys Ser Glu Tyr Pro Asp Leu Phe Glu Trp Phe Cys
100 110 115 120
101 Val Lys Thr Leu Lys Val Cys Cys Ser Pro Gly Thr Tyr Gly Pro
102 125 130 135
103 Asp Cys Leu Ala Cys Gln Gly Gly Ser Gln Arg Pro Cys Ser Gly
104 140 145 150
105 Asn Gly His Cys Ser Gly Asp Gly Ser Arg Gln Gly Asp Gly Ser
106 155 160 165
107 Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu Cys Thr Asp Cys
108 170 175 180
109 Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr His Ser Ile
110 185 190 195
111 Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly Leu Thr
112 200 205 210
113 Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp Glu
114 215 220 225
115 Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
116 230 235 240
117 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr
118 245 250 255
119 Cys Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly
120 260 265 270
121 Pro Gly Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His
122 275 280 285
123 Gly Gln Cys Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr
124 290 295 300
125 Cys Val Arg Lys Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr
126 305 310 315
127 Val Cys Val Cys Pro Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys
128 320 325 330
129 Val Pro Pro Ala Glu Ala Glu Ala Thr Glu Gly Glu Ser Pro Thr
130 335 340 345
131 Gln Leu Pro Ser Arg Glu Asp Leu
132 350

134 <210> SEQ ID NO: 3
135 <211> LENGTH: 2206
136 <212> TYPE: DNA
137 <213> ORGANISM: Homo Sapien
138 <400> SEQUENCE: 3
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141 cgccccagccg tctaaacggg aacagccctg gctgagggag ctgcagcgc 150
142 gcaagagtatc tgacggcgcc agttgcgtat ggtgcggcac gaggagttt 200
143 cccggcagcg aggaggtctt gaggcagcatg gcccggagga ggcgccttccc 250
144 tgcgcggccg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
145 gggcggaggc cggggccgccc caggaggaga gcctgtacct atggatcgat 350
146 qctcaccqaqq caaqaqtact cataggattt qaaqaaqata tcctqattgt 400

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Input Set : N:\Crf3\RULE60\09903640.raw
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 148 agagaatgcc agctattcct gtcataatcc attccatgaa ttttacctgg 500
 149 caagctgcag ggcaggcaga atacttctat gaattcctgt ctttgcgcctc 550
 150 cctggataaa ggcatcatgg cagatccaa cgtcaatgtc cctctgtgg 600
 151 gaacagtgcc tcacaaggca tcagttttc aagttggttt cccatgtctt 650
 152 ggaaaacagg atgggggtggc agcatttggaa gtggatgtga ttgttatgaa 700
 153 ttctgaaggc aacaccattc tccaaacacacc tcaaaaatgtc atcttcttta 750
 154 aaacatgtca acaagctgag tgcccaggcg ggtgcgaaa tggaggctt 800
 155 tgtaatgaaa gacgcacatcg cgagtgcct gatgggttcc acggacctca 850
 156 ctgtgagaaa gccctttgtc ccccacgcgtat tatgaatgtt ggactttgt 900
 157 tgactcctgg tttctgcata tggccacacgtt gattctatgg agtgaactgt 950
 158 gacaaagcaa actgctcaac cacctgtttt aatggaggga cctgtttctt 1000
 159 ccctggaaaaa tgtatttgcc ctccaggact agagggagag cagtgtgaaa 1050
 160 tcagcaaatg cccacaaccc tgcgaaatg gaggtaaatg cattggtaaa 1100
 161 agcaaatgtt agtgttccaa agtttaccag ggagacctct gttcaaagcc 1150
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 163 aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggtac 1250
 164 gaagccagcc tcatacatgc cctgaggcga gcaggcgccc agctcaggca 1300
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 166 ccaattacat ctggtaact ccgacatctg aaacgttttta agttacaccca 1400
 167 agttcatagc ctttgttaac ctttcatgtt ttgaatgttc aaataatgtt 1450
 168 cattacactt aagaataactg gcctgaattt tattagcttc attataaaatc 1500
 169 actgagctga tatttactct tccttttaag ttttctaagt acgtctgttag 1550
 170 catgatggta tagattttct tgggttcagtg ctggggaca gattttat 1600
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 173 ggttaaattt ggcggaaaatg cgtaaatgcac aagaatttgg atgggtcagt 1750
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 175 ttgttacatt tttaaaaattt gctcttaattt tttaactct caataacaata 1850
 176 tattttgacc ttaccattat tccagagattt cagtattttt aaaaaaaaaaa 1900
 177 ttacactgtg gtagtggcat ttaaacaata taatatttc taaaacacaat 1950
 178 gaaataggga atataatgtt tgaactttttt gcattggctt gaagcaat 2000
 179 aatatattgtt aaacaaaaca cagcttttac ctaaaaaca ttttatactg 2050
 180 ttgttatgtt taaaataaaag gtgtgtctttt agttttttgg aaaaaaaaaaa 2100
 181 aaaaaaaaaaaa aaaaaaaaaaaa aaaaaaaaaaaa gggcgccgc gactcttagag 2150
 182 tcgacctgca gaagcttggc cgccatggcc caactgtttt attgcagctt 2200
 183 ataatg 2206
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 186 <211> LENGTH: 379
 187 <212> TYPE: PRT
 188 <213> ORGANISM: Homo Sapien
 189 <400> SEQUENCE: 4
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 192 Ser Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro
 193 20 25 30
 194 Pro Gln Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala
 195 35 40 45
 196 Arg Val Leu Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu

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197	50	55	60
198	Gly Lys Met Ala Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln		
199	65	70	75
200	Arg Met Pro Ala Ile Pro Val Asn Ile His Ser Met Asn Phe Thr		
201	80	85	90
202	Trp Gln Ala Ala Gly Gln Ala Glu Tyr Phe Tyr Glu Phe Leu Ser		
203	95	100	105
204	Leu Arg Ser Leu Asp Lys Gly Ile Met Ala Asp Pro Thr Val Asn		
205	110	115	120
206	Val Pro Leu Leu Gly Thr Val Pro His Lys Ala Ser Val Val Gln		
207	125	130	135
208	Val Gly Phe Pro Cys Leu Gly Lys Gln Asp Gly Val Ala Ala Phe		
209	140	145	150
210	Glu Val Asp Val Ile Val Met Asn Ser Glu Gly Asn Thr Ile Leu		
211	155	160	165
212	Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr Cys Gln Gln Ala		
213	170	175	180
214	Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys Asn Glu Arg		
215	185	190	195
216	Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His Cys Glu		
217	200	205	210
218	Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys Val		
219	215	220	225
220	Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn		
221	230	235	240
222	Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr		
223	245	250	255
224	Cys Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly		
225	260	265	270
226	Glu Gln Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly		
227	275	280	285
228	Gly Lys Cys Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr		
229	290	295	300
230	Gln Gly Asp Leu Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly		
231	305	310	315
232	Ala His Gly Thr Cys His Glu Pro Asn Lys Cys Gln Cys Gln Glu		
233	320	325	330
234	Gly Trp His Gly Arg His Cys Asn Lys Arg Tyr Glu Ala Ser Leu		
235	335	340	345
236	Ile His Ala Leu Arg Pro Ala Gly Ala Gln Leu Arg Gln His Thr		
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240	Asn Tyr Ile Trp		
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243 <211>	LENGTH: 45		
244 <212>	TYPE: DNA		
245 <213>	ORGANISM: Artificial Sequence		
246 <220>	FEATURE:		

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/903,640

DATE: 01/16/2002
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Input Set : N:\Crf3\RULE60\09903640.raw
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L:30 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:3309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:4388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:4498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
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